

IP Communications Pricing

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- ⌘ 3 Main elements
 - NRR, MRR and Usage Based
- ⌘ Installation charge for Circuit
- ⌘ Bandwidth Charge
- ⌘ Managed Service Charge
- ⌘ Usage Based 'PSTN' Charge
- ⌘ Voicemail based on 'Users'
- ⌘ One off fee for service implementation
- ⌘ Future added value services will be charged as a 'premium' based on users, or site

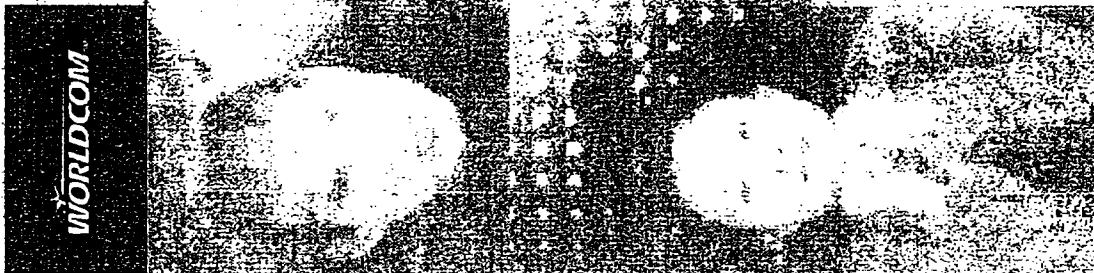
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IP Communications Roadmap



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Future Value Added Services generation d

IP Communications allows customers to migrate to new future services

- Unified Messaging
- Network Conferencing
- Instant Messaging and Presence
- Desktop SIP

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Unified Messaging

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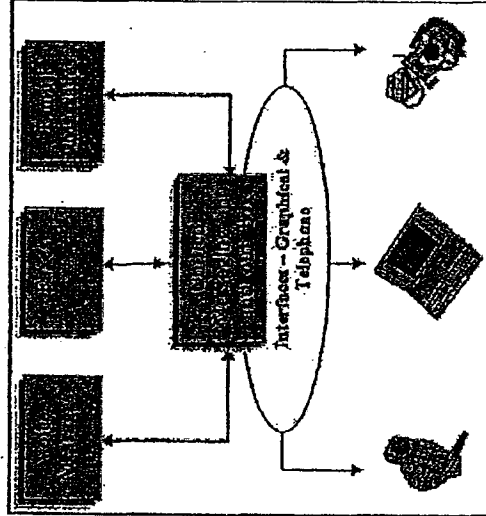
⌘ The integration of messaging systems that allow universal access

— Voice

⌘ Fixed and Mobile

— Fax

— Email

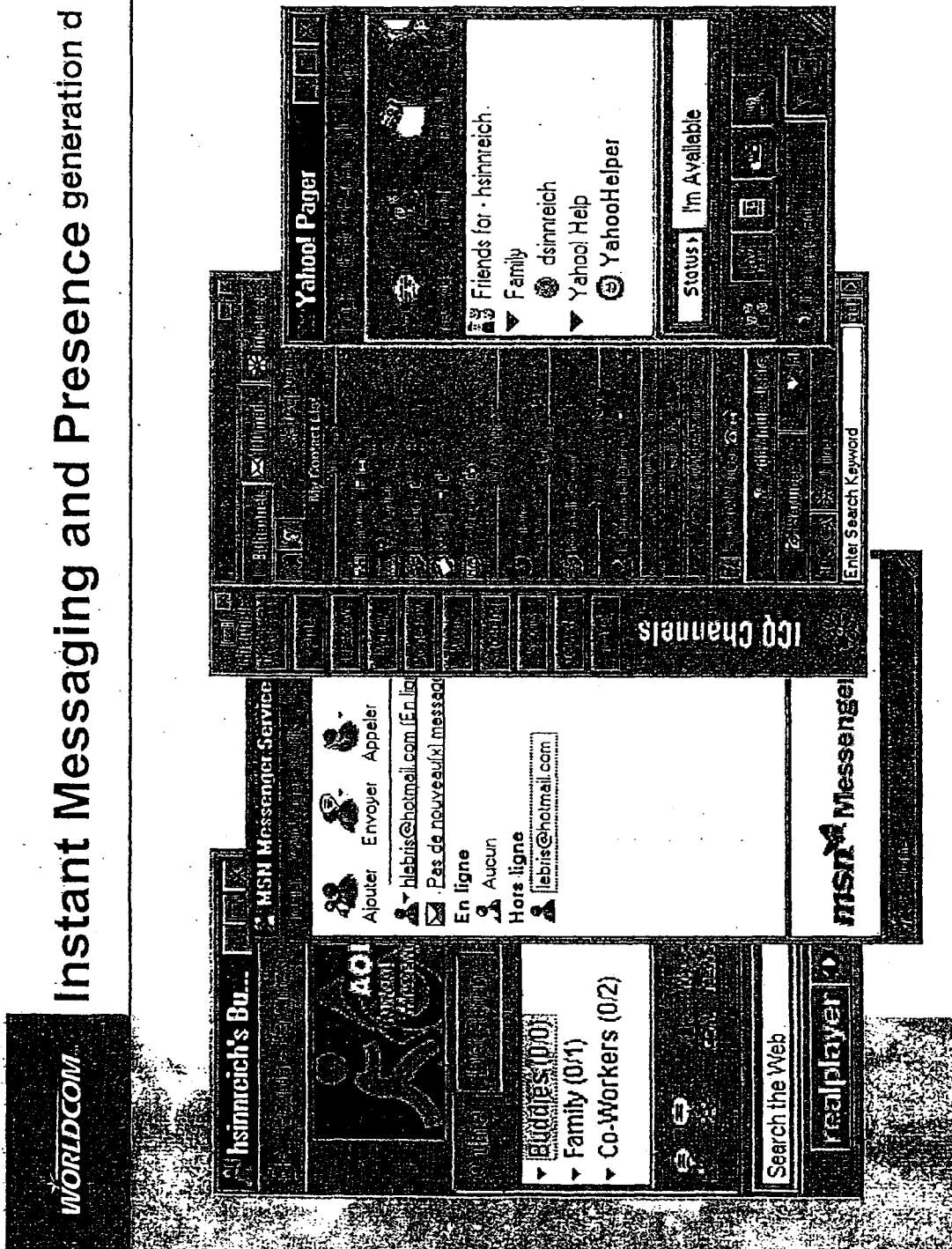


⌘ Users can receive, manage, and respond to messages using a common infrastructure

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Instant Messaging and Presence generation d



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Instant Messaging and Presence

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Polite calls are possible:

- * Is user online?
- * Willing to take calls?
- * In another call?
- * May I join?
- * Avoid unsuccessful calls
- * Location independence
- * Replace call center ACD
- * Any media
- * Text, voice, video, data

Promotes a new way of communicating

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Network Conferencing

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Microsoft NetMeeting - 1 Connection

Current Call:

- Hervé LE BRIS
- REDA MERZOUKI

Not Sharing

Not Sharing

Unlimited - Chat - in use by 2 other(s)

Hervé LE BRIS: Est-ce que tu la ?

Sebastien LeGoff: Beaux dessins !

Hervé LE BRIS: C'est donc Seb !

Sebastien LeGoff: Pourquoi tu n'aurais pas le chat ?

Hervé LE BRIS: Je le peux mais j'ai vu de br dessins se faire...

Sebastien LeGoff: OK

Hervé LE BRIS: J'ai un microphone et casque ... m'entends-tu qd je parle ?

REDA MERZOUKI: /murmure/ Seb ou Ludo sont des grand spécialistes

Sebastien LeGoff: Je n'ai pas mis le son

Hervé LE BRIS: OK pas grave ! Merci encore cas pour l'échange ! Il va rentrer ds la

REDA MERZOUKI: posté ds un powerpoint !

REDA MERZOUKI: essaye encore

REDA MERZOUKI: On l'entend

Everyone In Chat

Microsoft NetMeeting - 1 Connection


Directory - WorldCom

Teresa	Richardson@worldcom.com
Sandy	randy.k.williams@worldcom.com
Nicole	nicolas.young@worldcom.com
Doug	doug.miller@worldcom.com
Andrew	andrew.linn@worldcom.com
Richard	richard.legrand@worldcom.com
Bobby	robert.l.baker@worldcom.com
Aimee	agm.lambert@worldcom.com
Marion	o-lambert@worldcom.com
Lise	lise.roffert@worldcom.com
David	david.burawski@worldcom.com
sharon	sharon.assely@worldcom.com
Karen	karen.lincolns@worldcom.com
Jane	jan.largier@worldcom.com
Flanora	flanora@worldcom.com
Jeff	jeff.f@worldcom.com

Available / Busy / Away

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Desktop SIP

SIP Phones

IP Centrex

- Voice mail included

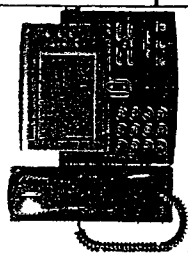
Phone portability

- Mobility
- No change for moves/adds/changes
- Local or new site expansion


Dynamic registration

- Establishing the user's "presence"
- Routing and filters

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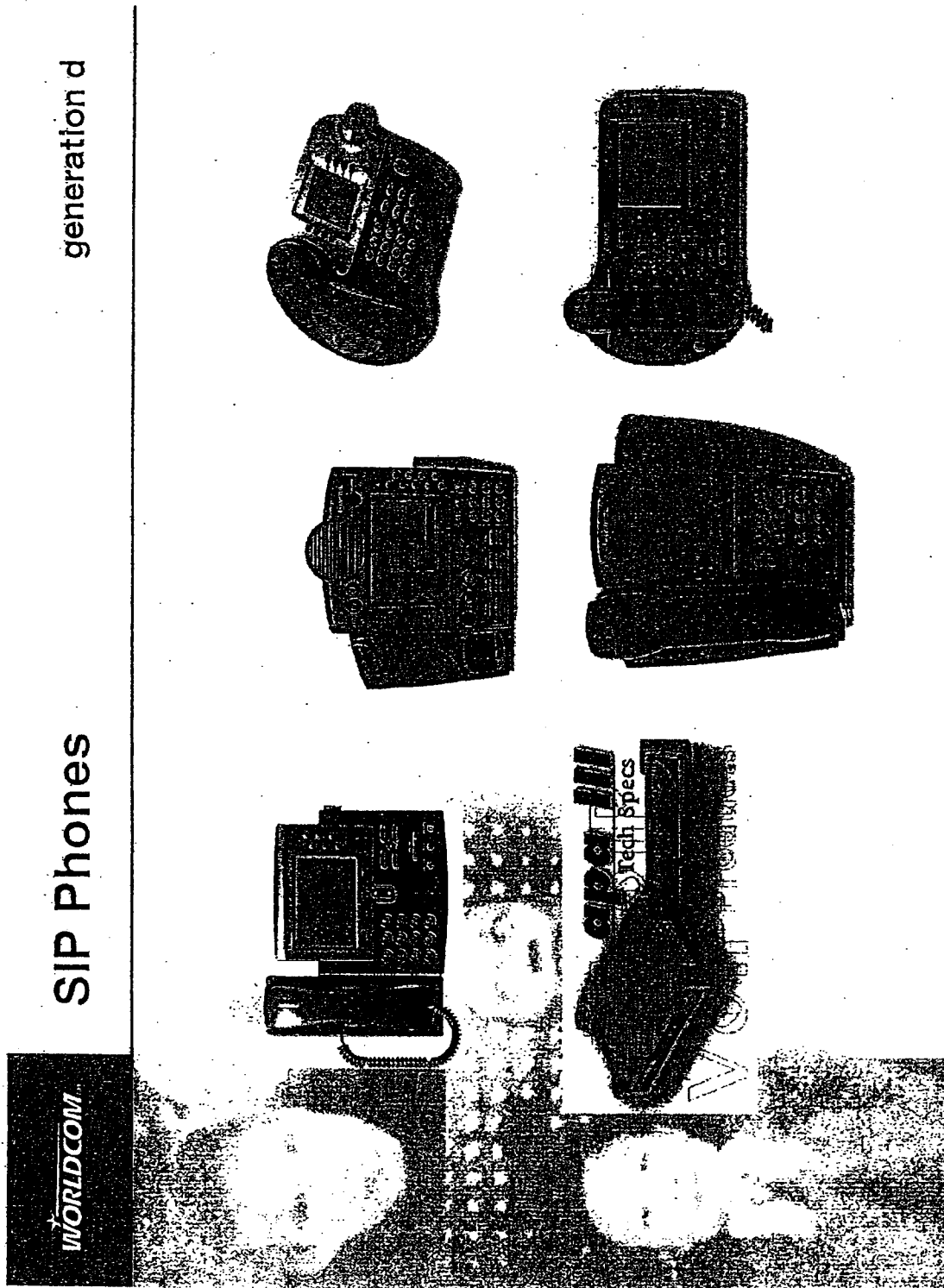
CISCO



PINGTEL

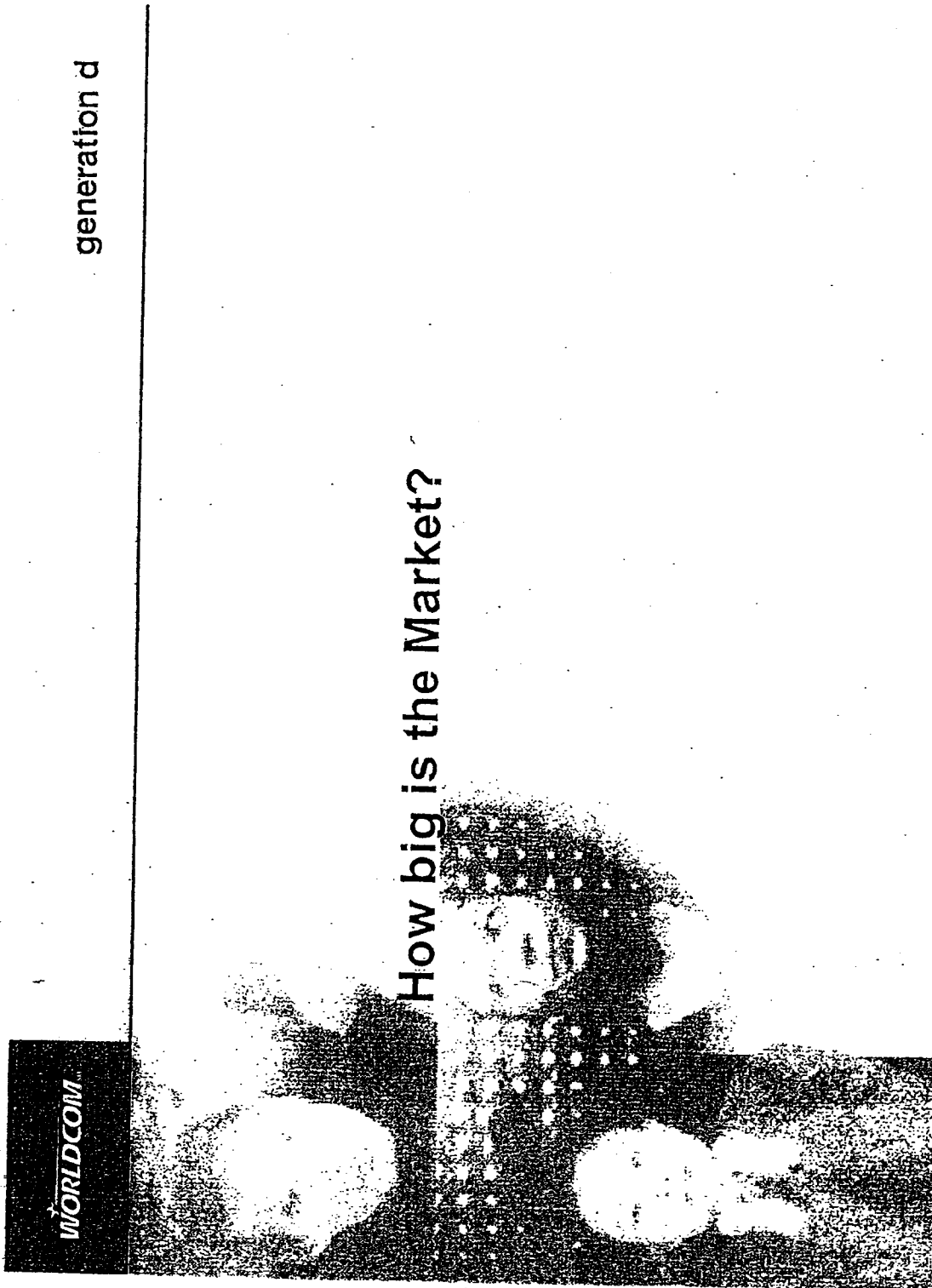
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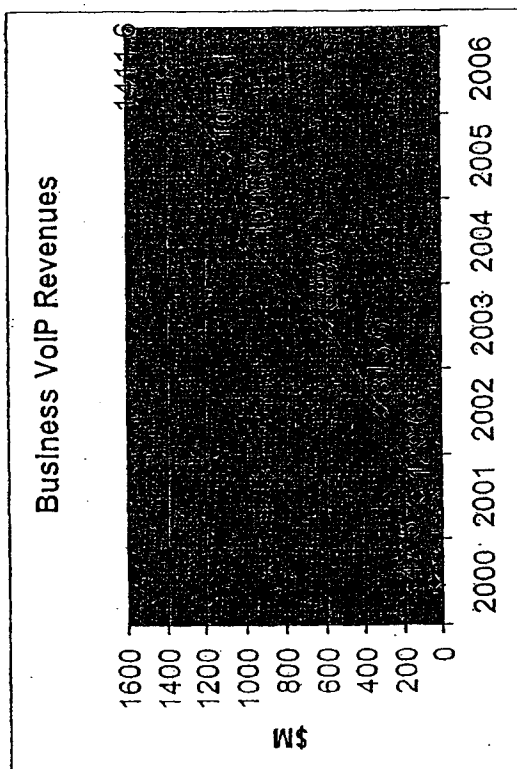
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VoIP Revenue forecasts in W.Europe

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VoIP revenues in 2005 represent around 2% of the W.European traditional voice market. Revenues today are around \$130m in W.Europe.

Main trends:

- * Low cost/price will continue to be the main driver longer than originally anticipated due to economic slowdown and renewed drives toward efficiency/productivity.
- * Data/voice convergence and/or value-added services will drive a significant minority (20-30%) of the market post-2001

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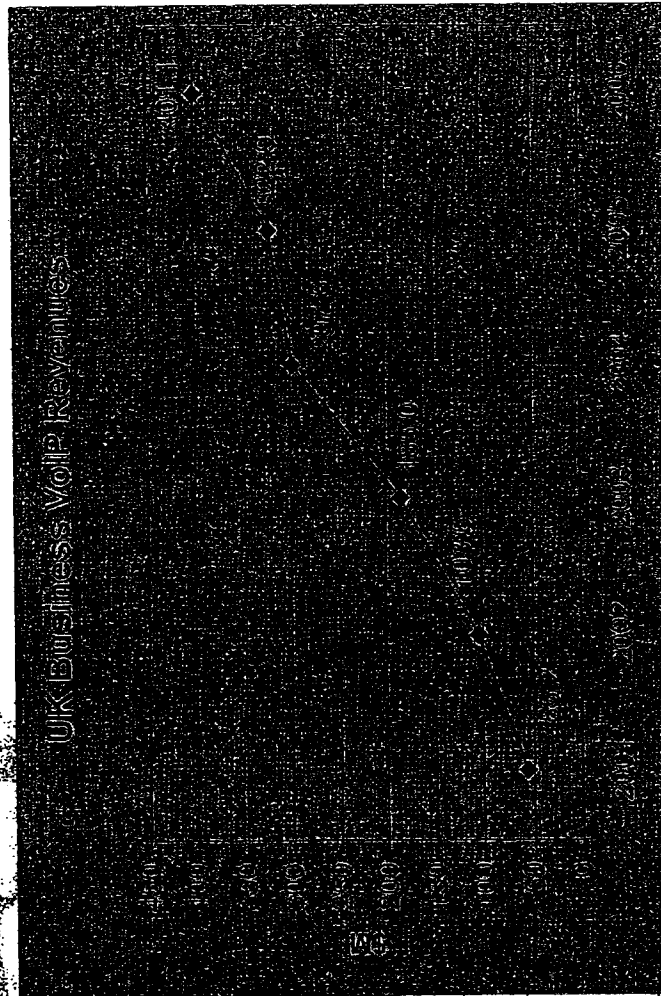
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Country Trends:



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- * The UK market for business VoIP revenues is forecast to reach \$401m by 2006, having experienced a CAGR of 49%. Competitors active in this market include BT (CallServe Communications), Cerbernet, Alpha Telecom, & Colt



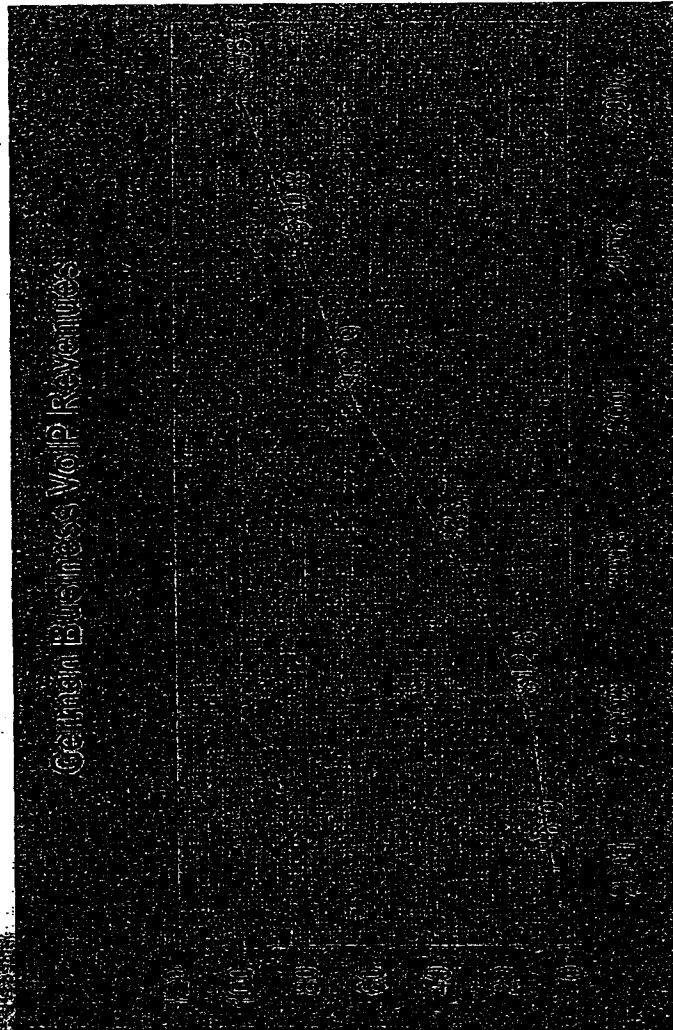
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Country Trends:

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Germany

- * The German market for business VoIP revenues is forecast to reach \$98m by 2006.

- * Main competitors are KPN and Mannesmann

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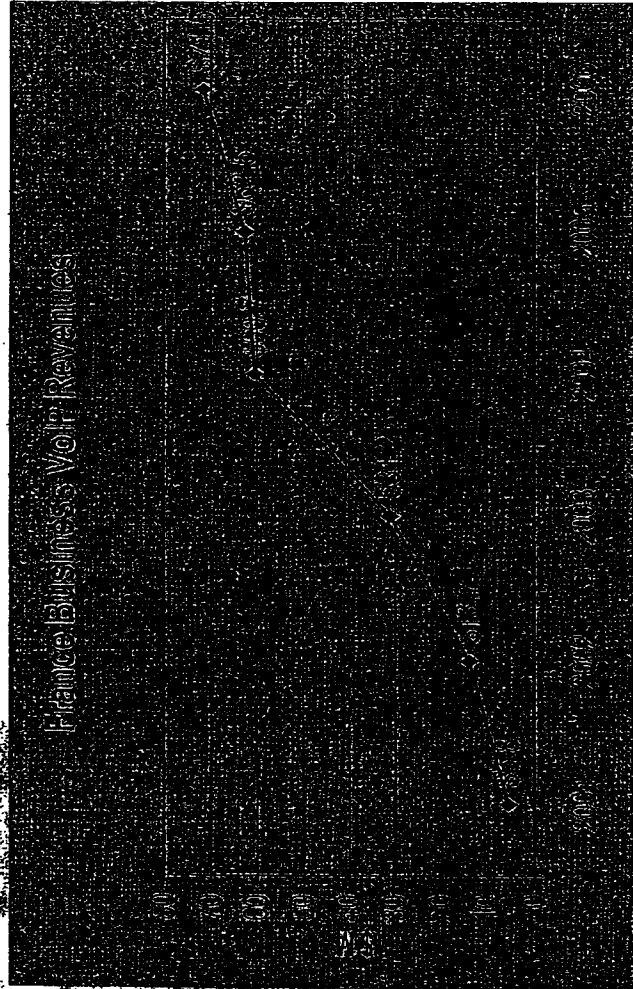
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Country Trends:

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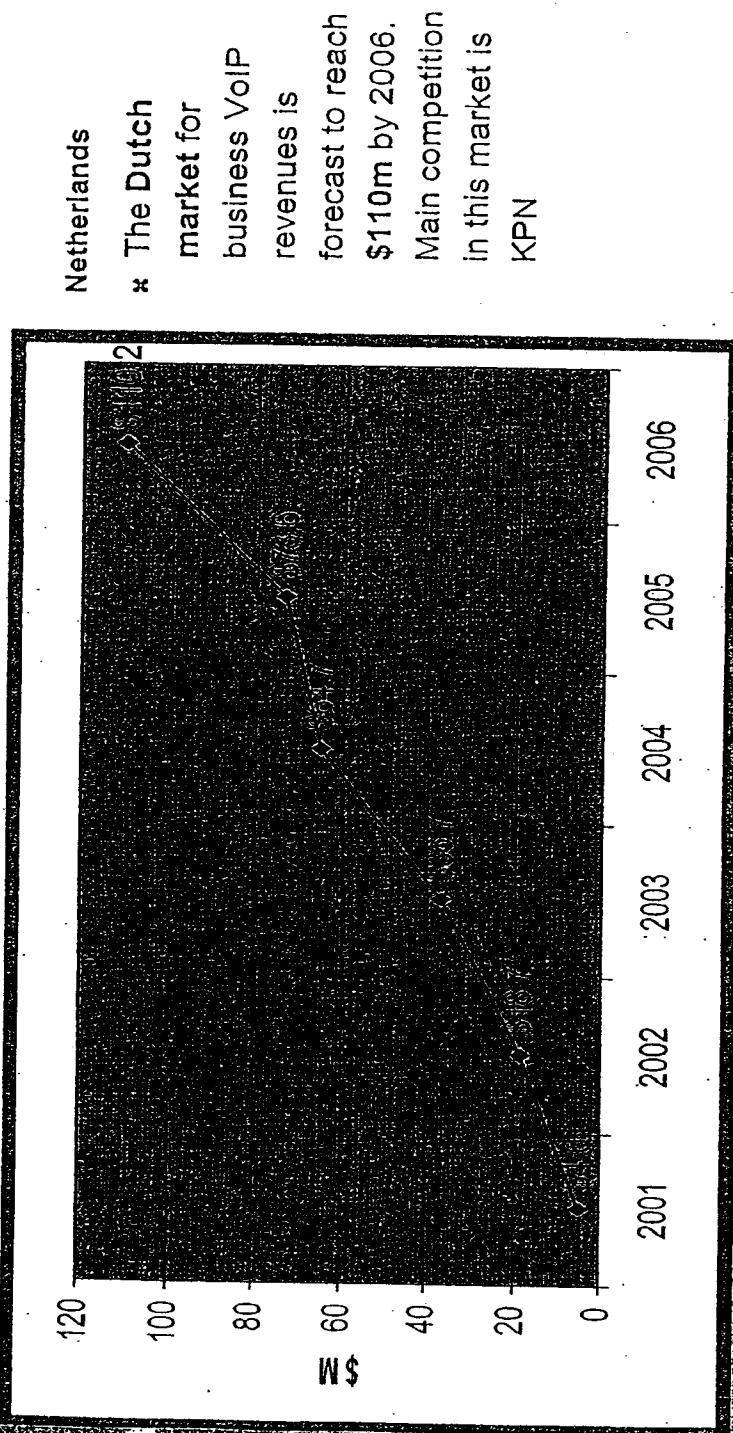
- * The French market for business VoIP revenues is forecast to reach \$71.5m by 2006, Competitors active in this market include, France Telecom, Global One and lpw@y



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WORLD.COM Country Trends: generation d



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What are the analysts saying about VoIP?

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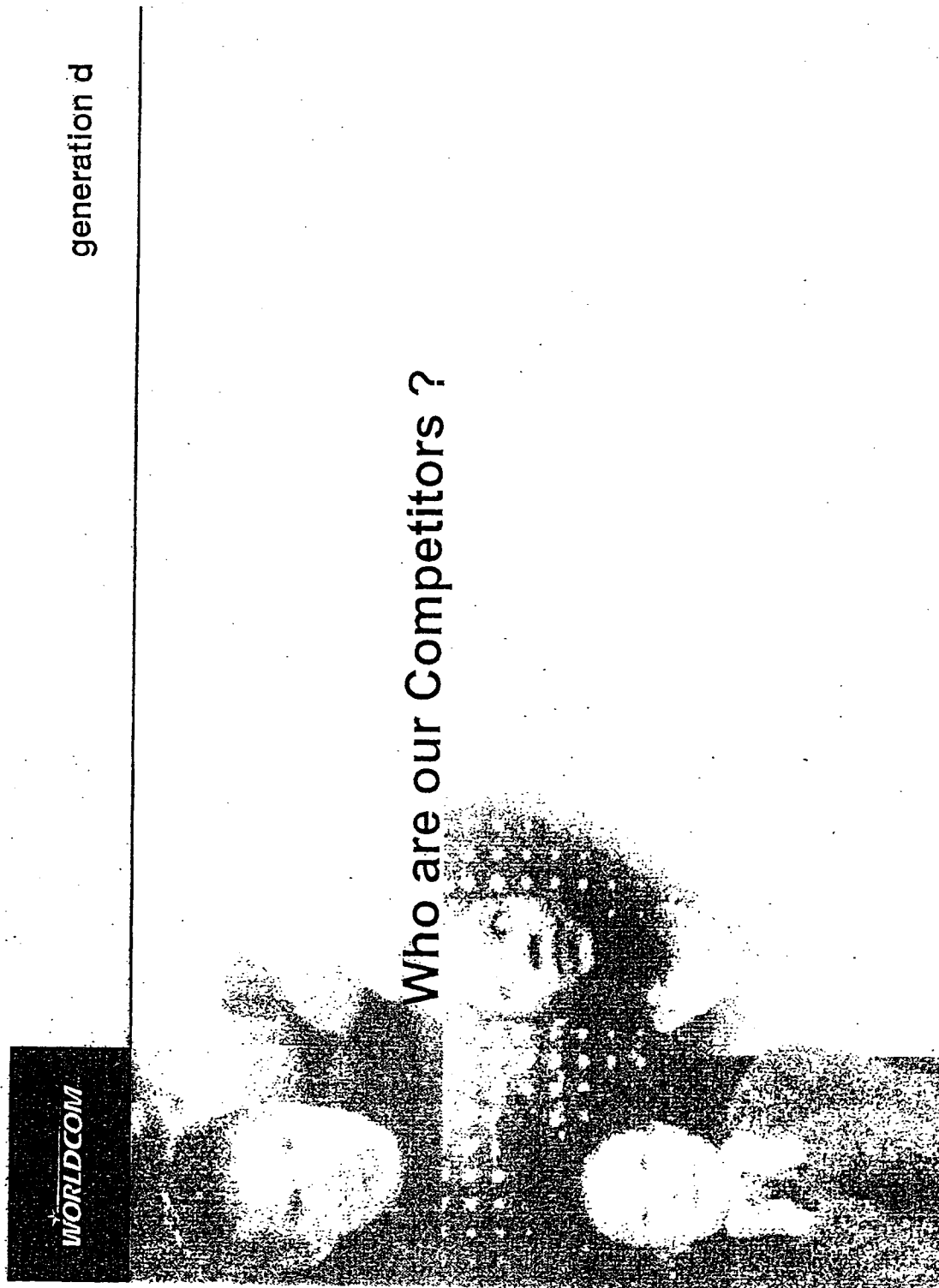
"This new industry is less than five years old and is now operating in 'Internet time', and shows every sign of growing and evolving as fast as the Internet itself." Ovum

"Factors that may slow growth in enterprise VoIP services include potential economic, cultural and technology barriers. The typical PBX is replaced only once every ten years and only then with resistance." Probe

"IP Telephony is now shifting position; no longer running as underground parallel technology, it has become a main stream proposition" IDC

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EMEA Competitor Overview

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* Cisco AVVID

- Cisco's IP PBX

- Uses premises-based Call Manager software for routing/features
- Provides applications in conjunction with VAR's
- * IP Communications is Network based

* BT Ignite

- IP Communications to the desktop

- Only available in the UK

- * IP Communications has wider geographic coverage and more flexible pricing for the customer

* Cable and Wireless

- Managed IP PBX OR LAN based packages

- Based on IP-VPN

- * IP Communications extends to off-net PSTN termination

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Why WorldComSM IP Communications?

IP Communications leverages your existing data network, centralizes your voice environment, and lays the foundation for future enhancements.

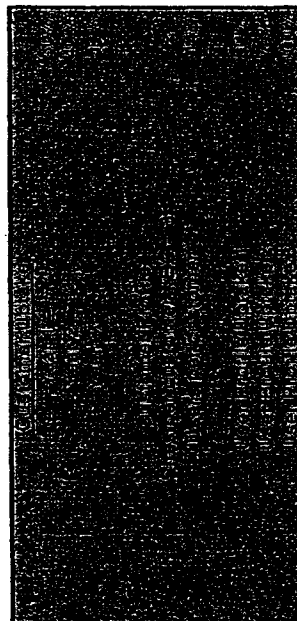
"Yankee Group believes that WorldCom has dedicated the resources and focus toward the commercial deployment of IP services over IP services at an earlier stage than most of its competitors."

Source: Joe Gagon, Yankee Group, August 2001

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	Start	End	Nov	Dec	Jan	Feb	Mar	Apr	May	June	July	Aug
Total New IPComCustomers Per Year	2	4	12	9	8	8	9	16	8	12	13	13
Total Cumulative IP Com Customers	2	6	18	27	35	43	52	68	76	88	101	114
Number of New Voicemail Customers	1	1	4	3	3	3	4	6	3	5	5	5
Number of Cumulative Voicemail Customers	1	2	5	8	14	17	21	27	30	35	40	46
Addressable number of New voicemail users	178	355	1,066	799	947	947	1,066	1,894	947	1,421	1,539	1,539
Addressable number of Cumulative voicemail Users	178	533	1,598	2,398	4,144	5,091	6,157	8,051	8,998	10,419	11,958	13,498



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	11	14	14	15	15	13	12	19	12	16	16	18	17	20	18	20
125	139	153	168	183	196	208	227	239	255	271	289	306	326	344	363	
4	6	6	6	7	6	6	9	6	8	8	9	8	10	9	10	
50	56	61	67	91	98	104	113	119	127	135	144	153	163	172	182	
1,301	1,656	1,654	1,772	2,215	1,919	1,770	2,807	1,772	2,363	2,363	2,658	2,510	2,953	2,657	2,953	
14,799	16,455	18,108	19,880	27,066	28,985	30,755	33,562	35,334	37,697	40,060	42,718	45,229	48,182	50,839	53,792	

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EXHIBIT Y